

Title (en)

WEIGHT PLATE WITH CENTER POST LOCKING CARTRIDGE AND LOCKING FORK

Title (de)

GEWICHTSPLATTE MIT MITTELPFOSTENFESTSTELLPATRONE UND FESTSTELLGABEL

Title (fr)

PLAQUE DE POIDS À CARTOUCHE DE VERROUILLAGE DE TIGE CENTRALE ET FOURCHE DE VERROUILLAGE

Publication

**EP 3226983 B1 20200701 (EN)**

Application

**EP 15865253 A 20151202**

Priority

- US 201414558271 A 20141202
- US 2015063485 W 20151202

Abstract (en)

[origin: US9339681B1] A weight plate for physical fitness weight lifting equipment so that the weight plate may be coupled to other weight plates and lifted in a stack. The weight plate includes a pivotal switch arm having a first end at which to receive a pushing force to cause the switch arm to rotate and an opposite end at which a fork is carried. A post runs through a center bore hole of the weight plate. The weight plate also includes an intermediate channel and a locking cavity that are aligned with one another at opposite sides of the bore hole. When the pivotal switch arm is rotated to a locked position, the fork is rotated through the intermediate channel, into surrounding engagement with the center post, and completely through the bore hole for receipt by the locking cavity by which the weight plate is reliably coupled to the post.

IPC 8 full level

**A63B 21/06** (2006.01); **A63B 21/062** (2006.01)

CPC (source: EP US)

**A63B 21/063** (2015.10 - EP US); **A63B 21/075** (2013.01 - US)

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DOCDB simple family (publication)

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